

Volume contents

Volume 25 (1997)

Aging from the Molecules to the Organisms

<i>Editorial</i>	1
Research papers	
<i>K. Herholz (Germany)</i> Diagnostic imaging of dementia in the elderly	5
<i>C.F.A. Kügler (Germany)</i> The impact of age-related changes in event-related P300 potentials on detecting early cognitive dysfunction	13
<i>B. Fischer, A. Popa Wagner (Germany)</i> Synaptic plasticity is preserved in the temporal cortex of 20-month-old rats	27
<i>W.E.G. Müller, U. Scheffer, S. Perovic, J. Forrest, H.C. Schröder (Germany, UK)</i> Interaction of prion protein mRNA with CBP35 and other cellular proteins: Possible implications for prion replication and age-dependent changes	41
<i>W. Rieck (Germany)</i> Age-dependent measurements of amino acids in human hairs — a longitudinal study	59
<i>T. Brosche (Germany)</i> Plasmalogen phospholipids — facts and theses to their antioxidative qualities	73
<i>K.-G. Collatz (Germany)</i> Fifteen years of <i>Phormia</i> — on the value of an insect for the study of aging	83

<i>W. Mühlberg, W. Rieck, E. Arnold, G. Ott, E. Lungershausen (Germany)</i> Pharmacokinetics of alprazolam in elderly patients with multiple diseases	91
<i>The Italian Multicentric Study on Centenarians</i> Epidemiological and socioeconomic aspects of Italian centenarians	149
<i>J. Woo, S.S.C. Ho, Y.K. Yuen, S.S.G. Chan, A.L.M. Yu, J. Lau (Hong Kong)</i> Prevalence and effectiveness of treatment of hypertension on cardiovascular morbidity and mortality in an elderly population aged 70 years and over	159
<i>P. Starer (USA)</i> Association of urodynamic function and brain neuropathology in elderly institutionalized patients	167
<i>M. Barontini, J.O. Lázzari, G. Levin, I. Armando, S.J. Basso (Argentina)</i> Age-related changes in sympathetic activity: biochemical measurements and target organ responses	175
<i>R. Tan, V. Osman, G. Tan (USA)</i> Ear size as a predictor of chronological age	187
<i>G. Aliberti, M. Proietta, I. Pulignano (Italy)</i> Platelet and hemocoagulative changes in elderly atherosclerotic patients after treatment with the antiaggregating drug picotamide	193
<i>L. Bizbiz, J. Labat-Robert, A. Alperovitch, The EVA-group (France)</i> Cardiovascular determinants of plasma fibronectin in an elderly population: The EVA study	201
<i>D. Maugeri, M. Salvatore Russo, F. Di Stefano, G. Receptuto, D. Rosso, R. Rapisarda, R. Mazzarella, S. Savia, M. Motta, P. Panebianco (Italy)</i> Thyroid function in healthy centenarians	211
<i>P. Panebianco, D. Rosso, G. Destro, R.A. Scarpinato, S. Tropea, A. Rizzo, M.S. Russo, M. Motta, F. Di Stefano, R. Mazzarella, D. Maugeri (Italy)</i> Use of disphosphonates in the treatment of osteoporosis in thyroidec-tomized patients on levothyroxin replacement therapy	219
<i>M. Sanaka, K. Takano, T. Yamamoto, S. Mineshita (Japan)</i> Accuracy of a recently proposed method for estimating creatinine clearance in elderly debilitated patients	227

- P. Tariska, V. Klein, G. Pánczél, J. Vitrai, J. Knolmayer, Á. Mészáros, K. Urbanics, É. Kiss (Hungary)*
Vascular disease risk factors and findings in patients with Alzheimer's disease 237
- G. Cao, R.L. Prior, R.G. Cutler, B.P. Yu (USA)*
Effect of dietary restriction on serum antioxidant capacity in rats 245
- F. Corica, A. Allegra, R. Ientile, M. Buemi, A. Corsonello, R. D'Angelo, S. Bonanzinga, D. Cucinotta, D. Ceruso (Italy)*
Reduced intraplatelet magnesium concentrations in elderly patients with non-insulin dependent diabetes mellitus (NIDDM) 255
- M.I. Griep, T.F. Mets, K. Collys, P. Vogelaere, M. Laska, D.L. Massart (Belgium, Germany)*
Odour perception in relation to age, general health, anthropometry and dental state 263
- A. Strasser, U. Sonnek, H. Niedermüller (Austria)*
Age-related changes in plasma IgM level after SRBC-stimulation in the rat 277
- G. Péterszegi, S. Texier, A.M. Robert, R. Moulias, L. Robert (France)*
Increased elastase and cathepsin G activity in activated lymphocytes from aged patients: Role of denutrition and dementia 285
- A. Johansen, W. Harris, M. Stone (UK)*
Portable ultrasound assessment of bone in the elderly: Hemiparesis following stroke as a model for disuse osteoporosis 299
- G. Mehmetçik, G. Özdemirler, Ö. Kanbağlı, G. Toker, M. Uysal (Turkey)*
Age-related changes in plasma lipid peroxidation and antioxidant system in humans and rats 305
- R.S. Tilvis, K.M. Lallukka, M. Saarela, S. Sairanen, J. Valvanne (Finland)*
Prognostic significance of difficulties in mobility in a five-year follow-up study of four birth cohorts 311

M. Ueno, I. Akiguchi, M. Hosokawa, M. Shinnou, H. Sakamoto, M. Takemura, K. Higuchi (Japan)

Age-related changes in barrier function in mouse brain: II. Accumulation of serum albumin in the olfactory bulb of SAM mice increased with aging

321

Volume contents

333

Author index

337

